PIKES PEAK RADIO AMATEUR ASSOC

# Ø BEAT

COLO. SPRINGS, COLORADO

JULY 1969

# George Kowalski, WØGCH, Leaving Colo. Springs

* * * * *

TALK BY WILDERNESS EXPERT, ELECTION, PLANNED FOR MEETING JULY 9 TO START AT 7:30 PM

Plans for the July 9 meeting of the PPRAA call for a lecture on the concept of wilderness by Jerry Millett of the Colorado Springs Workship of the Wilderness Society.

An excellent lecturer, he has given a number of talks on this subject in the Colorado Springs Area, a talk accompanied by colored slides that should be interesting.

The July Meeting, and all meetings from now on, will start at 7:30. The time change was decided upon as the result of replies to the questionairre which appeared in the May Zero Beat, according to an announcement by PPRAA President Pete Demario at the June meeting.

Another feature of the July meeting will be an election for the Board of Directors to fill the vacancy created bu the departure of George Kowalski, WØGCH. Following the election of the new board member, an election will be held to fill the vice presidency vacated by George.

Attend this important meeting!!

Bill King New EC, Election Slated For Meeting July 9 for Board Member, VP

George Kowalski, WØGCH, Vice President of the PPRAA and Area Emergency Coordinator, announced his permanent departure from Colorado Springs at the June PPRAA meeting, stating that he was moving to Arizona or New Mexico because of his wife's health.

As EC, George has directed the many times the AREC here has furnished communications for brush and forest fires and flood conditions, assisted in the emergency drills of Penrose Hospital, coordinating PPRAA activities with the local American Red Cross and directed the staging of several very successful ARRL Field Day activities by PPRAA members.

As a person interested in Amateur FM radio, George has been largely responsible, in cooperation with some members of the Publo Ham Club, for the Cheyenne Mountain repeater station.

At the same meeting, PPRAA President Pete Demario, KØUDG, announced that Bill King, WØLKD, had been selected to succeed George as Emergency Coordinator.

(Continued on Page Three)

ZERO BEAT
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BOARD OF DIRECTORS
Pres. - Pete Demario, KØUDG
Vice. Pres. - George Kowalski, WØGCH
Secty. - Rosemarie Lewis, WAØMNL
Treas. - Rudy Wroblewski, WAØPJG

-o-

Harold Combs, WAØPNR
Ed Pompea, KØZPG
Eldon Lewis, WAØ ERA
Bill King, WØLKD

-o-

The PPRAA meets the second Wednesday of each month at the U. S. Naval Reserve Training Center, Lake and Logan Streets, starting at 7:30 p.m. All radio amateurs and other interested persons are invited to Attend.

Copy Deadline for AUGUST ZERO BEAT will be July 30.

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ANOTHER ACTIVE MEMBER LEAVING

One subject we always hate to have to write about is the loss of one of the very active members of the PPRAA. The fact that this has happened several times in the more than three years we have been editing the paper hasn't lessened our feeling about these departures.

It is particularly difficult to write about the departure from our area of George Kowalski, WØGCH, because of the many and varied PPRAA activities he has directed or for which he has been responsible.

When it came to Field Day activities, George was on hand to see that they were efficiently conducted--a direction which resulted in the PPRAA being "top dog" for the state of Colorado in the 1968 contest.

When emergency communications were called for because of fires or flood conditions or in assisting law enforcement and other state and local agencies, George was generally directing those activities.

When plans were made for a club station, George was largely responsible for the contacts with the local Red Cross that resulted in a location for the station. He then did much of the planning for the station and personally spent many hours "scrounging" everything from drapes to equipment to make the club station one of the best.

When it came to developing a PPRAA interest in Amateur FM Radio, George, deeply interested in FM himself, was one of the leading "promoters"---a drive which finally resulted in the installation of the Cheyenne Mountain repeater station.

As a member of the PPRAA Board of Directors and as the PPRAA vice presider George was active in many ways to improve the club and its programs.

George further aided the club and amateur radio in general through his talks on amateur radio and emergency communications before local clubs and organizations.

We could write much more about GCH, but--it all sums up to the fact that in leaving the area and the PPRAA, George is leaving behind "a mighty hard pair of shoes to fill."

-o-

On hand for use in future Zero Beats are an article on AC Generators, one on a 146 mc omnidirectional 6 db gain coaxial antenna (with some good drawings which we hope we do a good reproduction on (this one by WAØUZO, Bob Shriner), and a series of lessons on "Understanding Transistors" we will "borrow" from the Central California Radio Council's "Circle."

Look for them in future Zero Beats!!

-o-

And don't forget to come to the July affairs---the meeting the 9th and the picnic on the 13th. ---Frank, WØHWH

GEORGE KOWALSKI LEAVING

(Continued from Page One)

Pete also announced that an election would be held at the July PPRAA meeting for a member of the PPRAA to fill the vacancy created by George's departure.

Pete announced that John Kester, WAØ-LVL, had been nominated by the board for the vacancy and called for nominations from the floor. Frank Craw, WØHWH, and Steve Parker, WAØSIZ, were nominated.

The person elected at the July meeting will serve as a board member until October 1970.

Following the election of the new board member, an election will be held to fill the vice president's vacancy caused by the departure of GCH.

=0=0=0=0=

It seems that an XYL of some years had found the competition from amateur radio kinda' tough. Determined to be noticed at the convention she and the OM were attending, she had made a blouse and embroidered many call signs on it.

A couple of our western ranch type hams took more than a second look and one of them was heard to murmur: "That critter sure has changed hands a lot hasn't she?"

---Denver Radio Club "Round Table"

RESIDENT'S COLUMN

By Pete Demario, KØUDG

GREETINGS!

I want to thank each of you for your help in preparation for and participation in Field Day. Many of you worked long hours and put much effort into this venture to make it a success. Planning and effort are some of the ingredients of success which we enjoyed. I hope that you had a good time.

The member coming the fartherest to work Field Day with the club was Johnny Summers Jr., WAØHHO. He flew in from Vietnam where he is employed as an electronics technician for Uncle Sam's Navy. He repairs electronic equipment, and in addition they fly him by helicopter to various places in Vietnam to install and maintain equipment. Hope you have a fine leave, Johnny.

I would remind you of our annual club picnic on July 13th in Austin Bluffs. Please give Ed Pompea, KØZPG, who is our picnic chairman, your help so that this event will be enjoyable to you. Of course I expect to see you at the picnic eating chicken and playing baseball. Come early, stay late and have yourselves a ball! And don't forget the July meeting starts at 7:30. 73s ---Pete, KØUDG.

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CHEYENNE MOUNTAIN REPEATER PROGRESS (146.16 Input - 146.67 Output)

By Bill King, WØLKD

Through the fine efforts of Vic Beaver, WØKVX, and Clyde Still, chief engineer for KKTV, permission was obtained to move the Cheyenne Mountain repeater to the channel 11 TV transmitter site on Cheyenne Mountain.

The 6db gain antennas habe been installed on the channel 11 tower with the result that the coverage of WA0VTV has been increased greatly. Pueblo and Colorado Springs QSOs are like talking to your neighbor. Denver contacts have been spotty so far, namely WØFZG, KØWLN and WØVNP. Contacts in the Denver area should increase as news of the Cheyenne Mountain 25 watt repeater spreads through the grapevine.

Technical difficulties have necessitated many trips to Cheyenne Mountain and Pueblo but here's hoping the bugs are nearing extinction.

Many thanks for the able assistance of WAØYZO, WØANO and WØZZS for the fine antenna installation on the channel 11 tower. Others lending assistance on the installation were WØGCH, KØYFR, WAØVTO, WAØMQE, WØLKD and two harmonics. Hope I haven't left anyone out!

We presently have 11 stations crystalled up for Cheyenne Mountain (5 Colorado Springs and 6 Pueblo hams). Total Frequency Modulators in the Colorado Springs, Pueblo, Canyon City, Florence and Poncha Springs area number 25 plus.

Come join this congenial FM group and share the pleasure of operating FM. You can see how members of the Pueblo Ham Club turned out in support of this project so how about PPRAA members showing some support. In short, my opinion of FM: It's Great---SSB to FM is as great as AM to SSB."

-o-

VFH FM ASSISTANCE---

If you are interested in getting on FM, I will be glad to furnish information on equipment availability, cost, and what you can expect from FM operation. Also my limited technical assistance and advice are available in helping you get on the air.

---Bill King, WØLKD

-o-

We hope to have equipment on hand soon which will enable FM-ers to zero-in their crystal frequencies with the repeaters and with each other. Talk-ability is directly proportional to Zero-ability, rather than power and sensitivity. Most groups are planning on narrow band FM deviation, about 5 KHz each side of zero. This practice will ensure excellent signal-to-noise ratios if the receiver is narrow-banded.

---Oak Stockton KØROL

-o-o-o-o-

USING DC RELAYS ON AC

The Central California Radio Club's "Circle" reports that DC relays may be used on AC if you insert a resistor to drop the 120V AC to the required DC voltage and insert a diode. Usually one rated at 600 PIV @ 750 MA will handle the required current. If more current is required, connect two diodes in parallel. Make sure the wattage rating of the resistor is sufficient to handle the current of the relay. Polarity of the diode is non-important.

Hook the resistor, diode and relay in series with a fuse. The circuit to control the relay is hooked in series with the combination across the AC line. If available, an isolation transformer winding would add to the safety of the circuit.

-o-o-o-o-

IMPORTANT DATES IN JULY---

9 - to be sure to attend the meeting and to vote for a board member and vice president.

13 - to attend the picnic and have fun.

FOR SALE

Foam-filled bias bound appliqued POTHOLDERS

30 cents each, 4 for $1

OLLIE MAE SHRINER

Box 969, Pueblo, Colo. 81002

# ROSIE'S REPORTINGS

By Rosemarie Lewis, WAØMNL

-rr-

(Although Rosie is busy this summer at Camp Alexander, near Lake George, Colo. helping to cook meals for some 275 hungry Boy Scouts, she managed to take time off to send in a few news items for Zero Beat so that her readers wouldn't forget her--- and I wouldn't entirely lose the services of my "star reporter."---Editor)

-rr-

Bill Berendt, WØHNI, has passed his Extra Class. Congratulations!! Bill says to tell all that when you go up for an exam, take a self-addressed post card and leave it with the FCC---they get the word back to you fast.

-rr-

Maurice Wynderlich, WAØNYP, also deserves good wishes. He got his advanced ticket recently. He became interested in Amateur Radio during World War II when communications to the states via land line did not prove too good and he talked to his XYL in Colorado Springs through fine patch through station of Carol, WØEVT, calling from Hawaii. Maurice always did intend to "look" into radio, but never took the time. During the war his code was fairly good, so finally brushed up on that, studied a bit of theory, made one trip to Denver and got his General and Advanced the same day. Welcome to Amateur Radio and to the club!

-rr-

Some of the first contacts I made from Camp Alexander, near Lake George, were a group of Texas stations during skip conditions on 2 meter FM. I also worked six stations in Pueblo and two in the Springs. The contacts into this area lasted six hours which included the Denver repeater. Denver stations asked me to pass on the word they were anxious to get QSL cards from all stations that they had worked.

-rr-

Doug, WAØVSN, and Karl, WAØVSM, worked mobile on a recent trip.

-rr-

Coe WØFPT, and his XYL, Clair hosted a communications picnic-meeting in Black Forest. A good time was had by all. People attended from many cities outside this area. Some of the amateurs attending were Taylor Shreve, WØCXW, Al Hall, WØVQY and their XYLs. VQY became an amateur in 1915, his first call being 9AE. The recalls the Fors spark coil and used the Marconi decoder. It was thrilling to hear the men talk about the "good old days." CXW, Shreve, has 49 years in amateur Radio, and our own club charter member, Paul King, WØKSB, also has almost 50 years.

(Continued on Page 8)

CW

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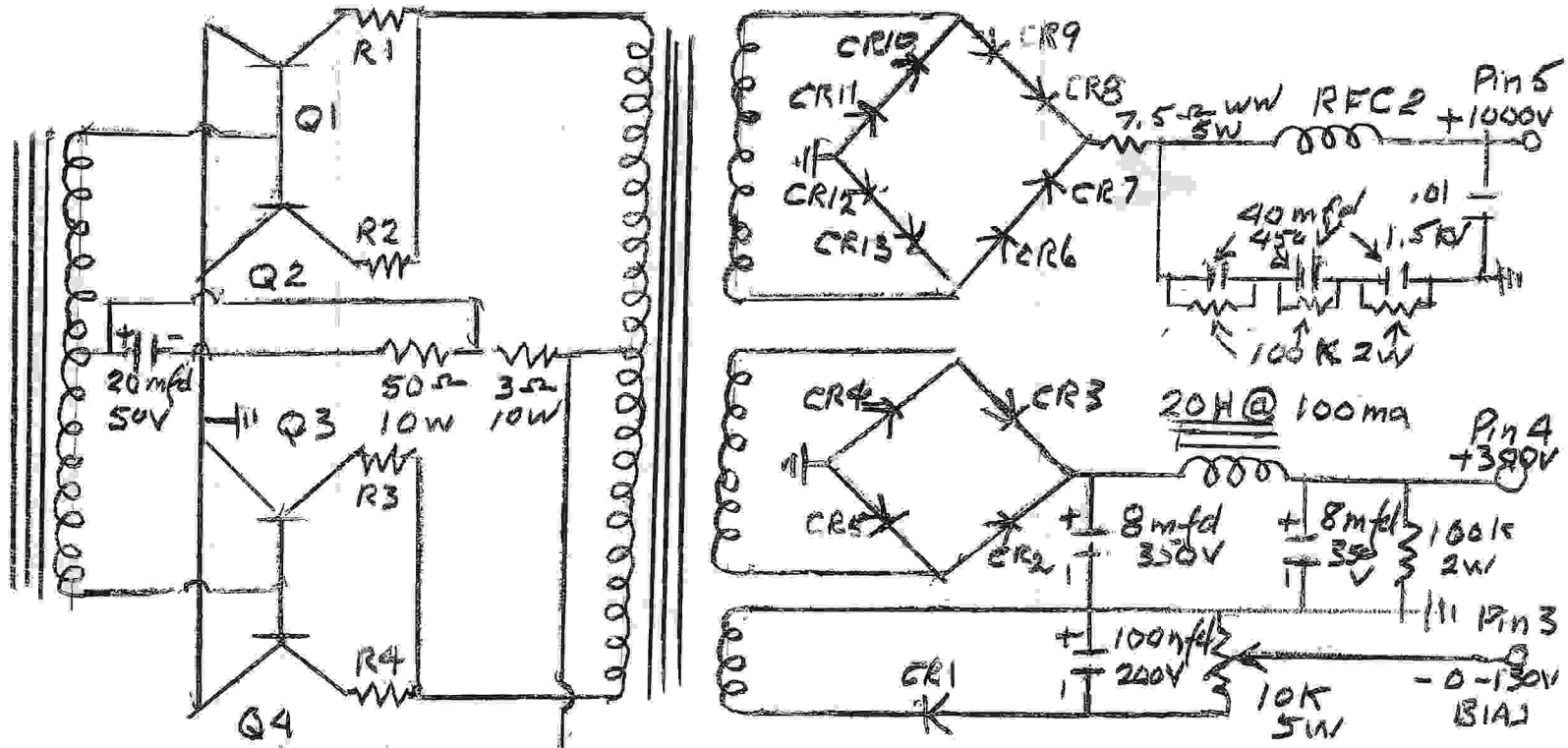
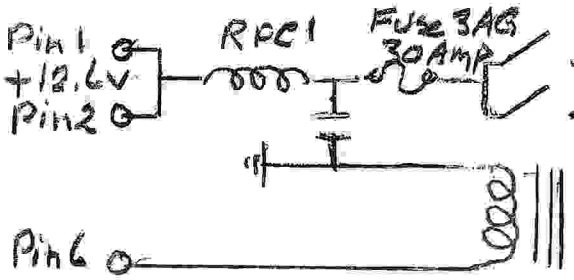
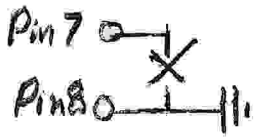


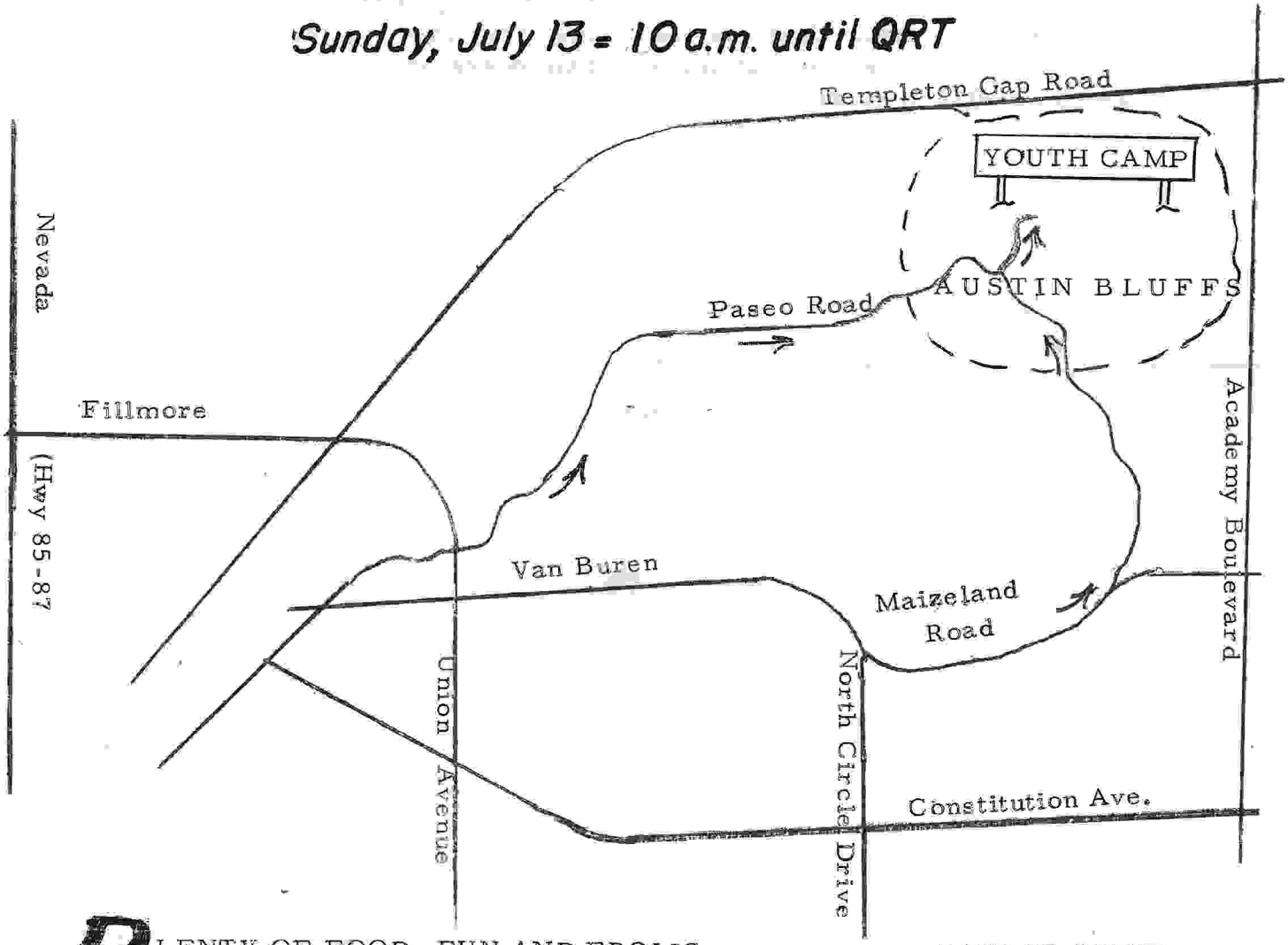

CR1 200PIV @ 200ma
CR2, 3, 4, 5 400PIV @ 200 ma
CR 6, 7, 8, 9, 10, 11, 12, 13 600 PIV @ 750 ma
RFC 1 #12 Formvar 14 turns 3/4" dia. closewound
RFC 2 2.5 mh @ 300 ma
Q1, 2, 3, 4 2N174 - BI 1412
T1 G.S. Toroid (see June Zero Beat)
R1, 2, 3, 4 16" #20 Formvar wound on 1/4" dowel

Core 3" O.D., 2" I.D. .5" high, Ribbon wound, grain oriented, .002 mil.
Primaries #12 Formvar Bifilar wound, 12 turns
Feedback 36 turns center-tapped #20 Formvar
Secondaries #26 Formvar H.V. 1,050 turns
L.V. 325 turns
Bias 125 turns

For any information on this-
See Bill Berendt, WØHNI

# THE "EVENT OF THE YEAR"

## Sunday, July 13 = 10 a.m. until QRT




**PICNIC**

**P**LENTY OF FOOD, FUN AND FROLIC
(Just bring your tableware and appetites)

**P**RIZES YOU WON'T WANT TO MISS
(You may be lucky and take one home)

**R**ECREATION OF ALL KINDS
(Softball, horshoes--you name it!)

**A**LL THE 'FIXINS' FOR A GOOD TIME
(You'll really miss something if you don't show up!)

**A**ND IT COSTS SO LITTLE
(50¢ for those over 12--under 12 FREE)
(To help defray the cost to the club)

RAIN OR SHINE---
There's plenty of shelter and "all the comforts of home."

Feast on chicken on hot dogs and other goodies

Enjoy lots of eyeball QSOs

ROSIE'S REPORTINGS

(Continued from Page Five)

I am enjoying the camp. Besides the 275 Boy Scouts we feed a pet chipmonk. When the kitchen ladies are introduced, the other gal has the distinction of have been at the camp 14 years. When they introduced me, they gave me the distinction of being a ham operator.

---Rosie WAØMNL

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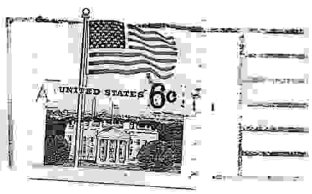


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